

AMENDMENTS TO THE CLAIMS

Please cancel claims 1 and 2 without prejudice or disclaimer. Please amend the claims as follows:

1-2 (Cancelled)

3. (New) A rotary filter type particulate removing apparatus comprising:

a stationary cylinder;

a rotary cylinder rotatably and coaxially placed in the stationary cylinder, the rotary cylinder having a cylindrical wall, the rotary cylinder having an extending portion which extends beyond the stationary cylinder;

at least one vane extending from the cylindrical wall of the rotary cylinder;

a gas inlet for introducing a gas, which contains particulates, into a space between the stationary cylinder and the rotary cylinder;

a plurality of holes formed in the cylindrical wall of the rotary cylinder;

an opening formed in a lower part of the stationary cylinder;

a trap attached to the lower part of the stationary cylinder to cover the opening;

a filter provided in the rotary cylinder such that the filter extends along an inner wall of the cylindrical wall of the rotary cylinder; and

a fan attached to the extending portion of the rotary cylinder.

4. (New) The rotary filter type particulate removing apparatus according to claim 3, further comprising a motor attached to the stationary cylinder for rotating the rotary cylinder.

5. (New) The rotary filter type particulate removing apparatus according to claim 3, further comprising a cover for housing the fan.

6. (New) The rotary filter type particulate removing apparatus according to claim 3, wherein the vane includes a wire gauze.

7. (New) The rotary filter type particulate removing apparatus according to claim 3, wherein the vane includes a plate having a plurality of bores.

8. (New) The rotary filter type particulate removing apparatus according to claim 3, wherein the vane includes a brush.

9. (New) The rotary filter type particulate removing apparatus according to claim 3, wherein the filter is made from a stainless steel.

10. (New) The rotary filter type particulate removing apparatus according to claim 3, further comprising a catalyst placed in the rotary cylinder.

11. (New) The rotary filter type particulate removing apparatus according to claim 3, wherein the filter is made from a thin sheet material so that the filter is rolled in the rotary cylinder.

12. (New) The rotary filter type particulate removing apparatus according to claim 11, wherein the filter has elasticity so that an outwardly expanding force is generated when the filter is rolled.